		Docket No.
UTILITY PATENT APPLICATION TRANSMITTAL LETTER (Only for new nonprovisional applications under 37 CFR 1.53(b))		BE 3920

To the Assistant Commissioner for Patents:

Transmitted herewith for filing is the patent application of:
Jakob SKOPICKI
corresponding to French application 99 02925, filed March 9, 1999,
entitled: PROCESS FOR THE IDENTIFICATION OF A DOCUMENT

Enclosed are:

X	13 pages of specification.
X	1 sheet of formal drawing.
X	a newly-executed declaration of the inventor.
	a copy of an executed declaration of the inventor from prior application Serial No. , filed .
	incorporation by reference. The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied as indicated in the preceding box, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
X	an assignment of the invention to SANYO France CALCULATRICES ELECTRONIQUES, S.F.C.E. and Jacob SKOPICKI, including assignment cover sheet.
	Information Disclosure Statement with Form PTO-1449.
	copies of the Information Disclosure Statement citations.
X	preliminary amendment.
X	return receipt postcard (MPEP 503), specifically itemized.
X	verified statements to establish small entity status under 37 CFR 1.9 and 1.27.
	a verified statement to establish small entity status filed in prior application. Status is still proper and desired.
	a certified copy of the Priority Document.
X	other: inventor information sheet.

If a CONTINUING APPLICATION, *check appropriate box and supply the requisite information.*

[] Continuation   [] Divisional   [] Continuation-in-part (CIP)

of prior application No. , filed .

X	Customer No. 000466.
X	Correspondence address is: YOUNG & THOMPSON, 745 South 23rd Street, Second Floor, Arlington, Virginia 22202.
X	Telephone: (703) 521-2297. Telefax: (703) 685-0573 or (703) 979-4709.

CLAIMS AS FILED

	NO. FILED	NO. EXTRA	RATE	FEE
BASIC FEE			$ 690	$ 690
TOTAL CLAIMS	11 - 20 =	0	x$ 18	0
INDEPENDENT CLAIMS	2 - 3 =	0	x$ 78	0
MULTIPLE DEPENDENT CLAIM PRESENT			$ 260	
			TOTAL	$

If applicant has small entity status under 37 CFR 1.9 and 1.27, then divide total fee by 2, and enter amount here.	SMALL ENTITY TOTAL	$ 345

X	A check in the amount of $385 to cover the filing fee is enclosed.
X	The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to Deposit Account No. 25-0120 in the name of Young & Thompson, as described below. A duplicate copy of this sheet is enclosed.
	Charge the amount of $ as filing fee.
X	Credit any overpayment.
X	Charge any additional fee required under 37 CFR 1.16 and 1.17, during the pendency of this application.
	Charge the issue fee set in 37 CFR 1.18 at the mailing of the Notice of Allowance.

Benoît Castel
Registration No. 35,041
745 South 23rd Street
Arlington, VA 22202
Telephone 703/521-2297

March 9, 2000

VERIFIED STATEMENT CLAIMING SMALL ENTITY STATUS (37 CFR 1.9(f) & 1.27(b))--INDEPENDENT INVENTOR	Docket Number (Optional)

Applicant or Patentee: __Skopicki Jakob.__

Serial or Patent No.: _____

Filed or Issued: _____

Title: __PROCESS FOR THE IDENTIFICATION OF A DOCUMENT__

As a below named inventor, I hereby declare that I qualify as an independent inventor as defined in 37 CFR 1.9(c) for purposes of paying reduced fees to the Patent and Trademark Office described in:

[X] the specification filed herewith with title as listed above.

[ ] the application identified above.

[ ] the patent identified above.

I have not assigned, granted, conveyed or licensed and am under no obligation under contract or law to assign, grant, convey or license, any rights in the invention to any person who would not qualify as an independent inventor under 37 CFR 1.9(c) if that person had made the invention, or to any concern which would not qualify as a small business concern under 37 CFR 1.9(d) or a nonprofit organization under 37 CFR 1.9(e).

Each person, concern or organization to which I have assigned, granted, conveyed, or licensed or am under an obligation under contract or law to assign, grant, convey, or license any rights in the invention is listed below:

[X] No such person, concern, or organization exists.

[ ] Each such person, concern or organization is listed below.

Separate verified statements are required from each named person, concern or organization having rights to the invention averring to their status as small entities. (37 CFR 1.27)

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b))

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

Skopicki Jakob		
NAME OF INVENTOR	NAME OF INVENTOR	NAME OF INVENTOR
Signature of inventor	Signature of inventor	Signature of inventor
Date 21/2/2000	Date	Date

VERIFIED STATEMENT CLAIMING SMALL ENTITY STATUS (37 CFR 1.9(f) & 1.27(c))--SMALL BUSINESS CONCERN

Docket Number (Optional)

Applicant or Patentee: SANYO France Calculatrices Electroniques, S.F.C.E.)

Serial or Patent No.: Jakob SKOPICKI

Filed or Issued:

Title: PROCESS FOR THE IDENTIFICATION OF A DOCUMENT

I hereby declare that I am

☐ the owner of the small business concern identified below:

☒ an official of the small business concern empowered to act on behalf of the concern identified below:

NAME OF SMALL BUSINESS CONCERN SANYO France CALCULATRICES ELECTRONIQUES, S.F.C.E.

ADDRESS OF SMALL BUSINESS CONCERN 8 avenue Leon Harmel, 92160 Antony, France
and Jakob SKOPICKI of rue de l'Abbaye aux Bois,
91570 Bievres, France

I hereby declare that the above identified small business concern qualifies as a small business concern as defined in 13 CFR 121.12, and reproduced in 37 CFR 1.9(d), for purposes of paying reduced fees to the United States Patent and Trademark Office, in that the number of employees of the concern, including those of its affiliates, does not exceed 500 persons. For purposes of this statement, (1) the number of employees of the business concern is the average over the previous fiscal year of the concern of the persons employed on a full-time, part-time or temporary basis during each of the pay periods of the fiscal year, and (2) concerns are affiliates of each other when either, directly or indirectly, one concern controls or has the power to control the other, or a third party or parties controls or has the power to control both.

I hereby declare that rights under contract or law have been conveyed to and remain with the small business concern identified above with regard to the invention described in:

☒ the specification filed herewith with title as listed above.

☐ the application identified above.

☐ the patent identified above.

If the rights held by the above identified small business concern are not exclusive, each individual, concern or organization having rights in the invention must file separate verified statements averring to their status as small entities, and no rights to the invention are held by any person, other than the inventor, who would not qualify as an independent inventor under 37 CFR 1.9(c) if that person made the invention, or by any concern which would not qualify as a small business concern under 37 CFR 1.9(d), or a nonprofit organization under 37 CFR 1.9(e).

Each person, concern or organization having any rights in the invention is listed below:

☒ no such person, concern, or organization exists.

☐ each such person, concern or organization is listed below.

Separate verified statements are required from each named person, concern or organization having rights to the invention averring to their status as small entities. (37 CFR 1.27)

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b))

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

NAME OF PERSON SIGNING JAKOB SKOPICKI

TITLE OF PERSON IF OTHER THAN OWNER PRESIDENT

ADDRESS OF PERSON SIGNING 8 Av Leon Harmel 92160 Antony

SIGNATURE _____   DATE 21/2/2000

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

INVENTOR INFORMATION

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APPLICATION INFORMATION

Title Line One::	PROCESS FOR THE IDENTIFICATION OF A
Title Line Two::	DOCUMENT
Total Drawing Sheet::	1
Formal Drawings::	Y
Application Type::	UTILITY
Docket Number::	BE 3920

REPRESENTATIVE INFORMATION

Representative Customer Number::	000466

PRIOR FOREIGN APPLICATION

Foreign Application One::	99 02925
Filing Date::	MARCH 9, 1999
Country::	FRANCE
Priority Claimed::	Y

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Jakob SKOPICKI

Serial No. (unknown)

Filed herewith

PROCESS FOR THE IDENTIFICATION
OF A DOCUMENT

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents

Washington, D.C. 20231

Sir:

Prior to calculation of the filing fee, please amend the above-identified application as follows:

IN THE CLAIMS:

Claim 7, line 1, change "one of claims 4 to 6" to --claim 4--.

Claim 8, line 2, change "one of claims 4 to 7" to --claim 4--.

Claim 10, line 1, change "one of claims 4 to 9" to --claim 4--.

Claim 11, line 1, change "one of claims 4 to 9" to --claim 4--.

Respectfully submitted,

YOUNG & THOMPSON

By /Benoît Castel/

Benoît Castel
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March 9, 2000

PROCESS FOR THE IDENTIFICATION OF A DOCUMENT

The present invention relates to a process for the automatic identification of a document in a computer as well as a process for automatically classifying and filing edited documents in a computer using the identification process as well as its device for practicing the same.

Generally speaking, when a document is printed from a computer such as a letter, a report, a text for example, it is often necessary to copy this document to subsequently classify it into different classifications permitting retrieving it by various search routes. For example, a classification can be carried out by a client file, by the file of the object with which the document deals, or else by a chronological classification of the original documents. Such a filing technique takes up space and time.

There are already known filing processes available in computers associated with a process for searching filed documents. Thus, when a document has been prepared such as a letter and it is decided to file this document, recourse is had to a system of classification of the document in which the classification parameters are defined, such as for example the type of document, the person, an event, etc. Once these parameters are chosen, one or several classifications are

used, a classification containing the documents having a common characteristic. During search, one or several of these search criteria are entered, permitting accessing said document. There is thus a personal archive of the documents.

It has also been proposed to conduct automatic archiving of the edited documents in which the nature of the document is recognized by the printer. This recognition is carried out for example for the first document edited in a stream of documents, this first document being recognized as having been classified in a classification according to the particular characteristics that it possesses, the rest of the edited documents will also be memorized in the same classification.

Such a process requires a substantial learning phase to the extent that it is necessary to define first of all the identification criteria of a type of document for its recognition and its filing in a data base. Such a learning process is difficult to practice and is not within the skill of an ordinary user.

There is also known from WO-A-9702536, a process for filing documents in which an acquisition and reading circuit controls the memory of a microcomputer by means of the last signals output from an operating printer, which produce the presentation of the printed material and file in the microcomputer an identical binary reproduction of the document to be printed, for example on a non-erasable data support such as a CD ROM. However, such a process, if it copies all the

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documents edited by a printer, does not permit classified filing of the documents permitting their retrieval as a function of specific identification criteria.

A major drawback of these filing processes consists in that it is difficult to be able to identify automatically and easily a document so as to classify it and file it for example. Thus, if one identification criterion is, for example, the presence of a term in the document, all the documents including this term will be identified, which is not of interest for classification.

To this end, the invention has first of all as its object a process for the automatic identification of a document in a computer, characterized in that the data contained in the document are analyzed according to their content and/or their position in the document and they are compared one by one to one or more of the document identification criteria, an identification criterion being defined by the content and/or the position of a characteristic datum of a document.

Thus, such a process preferably permits identifying a document without ambiguity. Thus, the positive comparison between one datum of a document and an identification criterion of the type of document permits identifying the analyzed document as being of the same type as that defined by the identification criterion because it has a datum whose content and/or position is identical to the identification criterion of the type of document.

Thus, an identification criterion of an invoice could be the term "invoice" at a distance of 3 cm from the left margin and at a distance of 6 cm from the upper edge of the invoice. If the analyzed document has a datum whose content is "invoice" and the position is 3 cm from the left margin and 6 cm from the upper margin of the document, the comparison between these datum and the identification criterion of an invoice is positive, the document is identified as being an invoice. Another identification criterion could be the research of references, the document being then identified as an invoice having such references.

Preferably, when the comparison is negative, it is proposed to define at least one new identification criterion and the parametric window is opened to define at least one new identification criterion associated with this document, said new criterion being memorized to identify thereafter any document having this datum. An identification criterion is defined by copying a datum of the wording of the document serving as an identification criterion toward the parametric window where this datum is copied, associated with its position parameters in the document.

Thus, the identification process according to the invention permits creating progressively identification criteria for new documents and any datum whatsoever of a document can serve to define an identification criterion.

The present invention also has for its object to provide a process for an automatic classification and filing

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of individual edited documents in a computer in which there can be identified, thanks to the above identification process, each document sent to a printer to file it and define new identification criteria when the document does not contain any already-known identification criterion.

To this end, the present invention has for its object a process for the automatic classification and filing of edited documents from a computer, characterized in that, when the document to be edited is sent to a publishing support, the data contained in the document are analyzed according to their content and/or their position in the document and are compared one by one to one or more of the identification criteria of the document, an identification criterion being defined by the content and/or the position of a characteristic datum of a document; these data of the document are also compared to at least one classification criterion, each criterion corresponding to a type of document to be classified and a classification in the memory of the computer in which are memorized the documents having this criterion; and when the comparison is negative, there can be defined at least one new identification criterion corresponding to a type of document and at least one classification criterion corresponding to a classification in the memory of the computer in which said document is copied; and, when the comparison is positive, said document is automatically copied into the memory of the computer according to the corresponding classification or classifications.

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Thus, preferably, the process according to the invention permits automatically filing an edited document from a computer toward a publishing support to the extent that, each time a document is edited, the latter is automatically identified because it has one or several identification criteria representative of a document, the classification criteria permitting determining the number of classifications to which this document belongs and which contain documents of a same type.

By addition support is meant printers but also telecopiers integrated with a computer, the emissions by internet or intranet, copying supports, etc. Thus, it is somewhat the edition support which recognizes the documents sent to it from the computer, copies them, sorts them and automatically classifies them.

In this way, a document can be filed according to several classifications, which offers multiple search routes, the process according to the invention therefore offering the possibility of sorting and classifying edited documents.

Preferably, the document is copied only once into the memory, but as the identification criteria are associated with classification criteria, there exists as many possible search routes as classification criteria. Thus, the process according to the invention offers filing and classification with a minimum of occupied space.

But moreover, when the document is identified as being unknown, which is to say responding to none of the

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identification criteria, the process, automatically, permits the definition of at least one new identification criterion relative to this new document. Moreover, from the new identification criterion, it is also possible to define at least one classification criterion. Once these criteria are defined, the document is filed in a classification adapted to contain progressively the documents of the same classification criterion and of the same identification criterion whilst the identification criterion or criteria as well as the classification criterion or criteria are memorized and will serve for the identification of subsequent edited documents and their filing.

Thus, the process according to the invention offers the possibility of defining progressively with the emission of different documents, new identification criteria and classification criteria characteristic of these documents.

There results a great flexibility in that it is not necessary first to define a document.

According to a first embodiment, the identification criterion and the classification criterion are defined at the same time as the document is sent toward a publishing support such as for example a printer. This process therefore permits individually processing each document arriving at the publishing support.

Thus, the document en route toward the publishing support is analyzed. When the comparison is negative, the user can then define one or more identification criteria to

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recognize thereafter this type of document as well as the classification criteria to file it in the different types of classification and then to edit this document. The user can also choose not to define the identification criteria and the document is simply published.

When the comparison is positive, the recognized document is filed and published.

According to a second embodiment of the process of the invention, all the unidentified edited documents from one or several computers are stored temporarily in a library where a user, preferably an authorized one, can cause the analysis of these documents.

Thus, the analyzed documents are either identified and filed or unidentified and, in this case, it is possible to define new identification criteria and classification criteria or to destroy the documents which one does not desire to identify and file.

This embodiment is preferable, because it permits storage of the edited documents from one or several computers in a single library which permits greater security by giving to each user emitting a document the possibility of destroying this document if it is not identified and filed.

Preferably, each identification criterion is specific to a characteristic datum of a document and an identification criterion is constituted both by the content of the datum belonging to the text of the document and to the positioning parameters of this datum in the document.

The analysis of the data contained in the document to be edited takes place preferably at two levels, on the one hand the research of the content of a datum in the text of the document and on the other hand the search for position parameters of this datum in the document.

Upon a negative comparison between the identification criteria already known and a document to be edited, this document is recognized as unidentified and hence not fileable. A parametric window is thus opened to define at least one new identification criterion associated with this document and at least one classification criterion, said new criterion being memorized to identify thereafter any document responding to the same identification criterion and the classification criterion controlling its automatic filing in the associated classification. This definition is carried out by the copying of a datum of the text of the document serving as an identification criterion, toward the parametric window where the data is copied associated preferably with its position parameters in the document. There is then copied into the memory of the computer the document in a classification associated with the new identification criterion.

Thus, the definition of the identification criteria takes place in a very simple manner by a simple manipulation (copy-slide-glue) which permits this by all the computer users, even beginners.

The identification criterion can be a type of criterion in which several turns are admitted. For example,

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at a given place in the document, there can be the term "invoice" but one should also be able to identify the term to have, debit note, etc., at the same position as identifying a document of the same type belonging to a same classification. By "term", is meant for example a word, a series of letters or numbers or a given number of numerals or of letters no matter what their meaning.

The new identification criteria defined are memorized and will serve for the identification of a document having the same characteristics during subsequent publishing.

There are also defined the criteria for classification which serve for automatic filing of said document in a given classification, these criteria corresponding to the presence of a term or a series of terms in a document, for example.

The process according to the invention can be associated with one or several publishing supports, preferably at the choice of the user, who then selects not only a publishing support but also selects the association of this publishing support to the process of automatic classification and filing according to the invention.

The present invention also has for its object a device for practicing the process according to the invention, characterized in that it comprises means for analyzing the data contained in a document to be edited, sent from a computer toward a publishing support, means for comparing said data one by one with one or several identification criteria in

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the memory, means for copying into the memory of the computer the document upon a positive comparison and means for defining at least one identification criterion and at least one classification criterion of a document upon a negative comparison.

Preferably, the means for analyzing the data can be constituted by analysis means and transcoding the signals emitted from the computer toward the publishing support.

When the comparison is negative, means for defining new identification criteria are triggered, these definition means comprising copying means (copier-slider-gluer) permitting transfer toward a memory of a portion of the document both as to its text and as to the parameters defining its place in the document, said definition means also comprising means for writing data permitting the user to denominate a type of document associated with these identification criteria for example. The newly-defined identification criteria are kept in the memory and permit an identification, a classification and an automatic filing of a document upon ultimate publishing.

Preferably, the device for practicing the process according to the invention is associated with the printing control of a printer. There can therefore be selected the positioning of the device relative to the publishing support. Thus, among several printers connected to the computer, there is selected one or several of these printers to work with the device according to the invention and only the prints sent

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toward this printer will be identified, classified and filed. Any other publication support (fax, internet, etc.) can be associated with the printers and hence with the device according to the invention.

5   There will now be described the invention in greater detail with reference to the drawing in which the single figure shows schematically the different steps of the process of classification and automatic filing according to the invention.

10   During sending a document to be published, from a computer (PC) toward a publishing support such as a printer 1, the identification of the document to be published is carried out by analyzing the data contained in said document and comparing them one by one to one or several identification
15 criteria.

These identification criteria permit characterizing a document both by its content and by the position of the data in said document. Thus, an invoice could be characterized by the identification criteria such as the term "invoice" at 15
20 cm from the left edge and at 6 cm from the upper edge of the document, the term "date" at 15 cm from the left edge and 8 cm from the upper edge of the document.

For a letter, one of the identification criteria could correspond to the range of position in the letter
25 corresponding to the address and in which is recognized a series of five digits (postal code) for example.

When these two identification criteria are recognized in the document to be published, the classification criteria are noted, such as the name of the client and this document is copied into the memory of the computer according to a classification including the documents of the same type such as "invoice" and in a classification connected to a client for example within the classification "invoice". The combination of identification criteria and of classification criteria refine the classification.

As a function of the classification criteria defining a classification, the document can be accessible by several search routes.

When the document to be published does not respond to any of the identification criteria, there is the possibility of defining new identification criteria and new classification criteria to define in the memory a corresponding classification so as to permit its copying and its automatic filing according to these new criteria and the automatic filing of further documents having the same criterion which will be subsequently published.

CLAIMS

1. Process for the automatic identification of a document in a computer,

characterized in that the data contained in the document are analyzed according to their content and/or their position in the document and they are compared one by one to one or more identification criteria of documents, an identification criterion being defined by the content and/or the position of a datum characteristic of a document.

2. Process according to claim 1,

characterized in that, when the comparison is negative, a parametric window is opened to define at least one new identification criterion associated with this document, said new criterion being memorized to identify thereafter any document having this datum.

3. Process according to claim 2,

characterized in that an identification criterion is defined by copying a datum of the text of the document serving as an identification criterion toward the parametric window where this datum is copied, associated with its position parameters in the document.

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4. Process for automatic classification and filing of documents emitted from a computer, characterized in that, during the sending of a document to be published toward a publication support, the data contained in the document are analyzed according to their content and/or their position in the document and they are compared one by one to one or more of the identification criteria of the document, an identification criterion being defined by the content and/or the position of a characteristic datum of a document, the data of the document are also compared to at least one classification criterion, each criterion corresponding to a type of document to be classified and a classification in the memory of the computer in which are memorized documents having this criterion; and when the comparison is negative, there can be defined at least one new identification criterion corresponding to a type of document and at least one classification criterion corresponding to a classification in the memory of the computer in which is copied said document; and, when the comparison is positive, said document is automatically copied into the memory of the computer according to the corresponding classification or classifications.

5. Process according to claim 4, characterized in that, when the comparison is negative, a parametric window is opened to define at least one new identification criterion associated with this document and at least one classification criterion, said new identification criterion being memorized to identify thereafter any document having the same identifi-

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cation criterion and the classification criterion controlling its automatic filing in the associated classification.

6. Process according to claim 5,

characterized in that an identification criterion is defined by copying a datum of the text of the document serving as an identification criterion, toward the parametric window where this datum is copied associated with its position parameters in the document.

7. Process according to one of claims 4 to 6, characterized in that the data contained in the document are analyzed by analyzing and transcoding the signals emitted from the computer toward the publication support.

8. Device for practicing the process according to one of claims 4 to 7,

characterized in that it comprises means for analyzing the data contained in a document to be published, emitted from a computer toward a publication support, means for comparing said data one by one with one or several memorized identification criteria, means for copying into the memory of the computer the document upon a positive identification and means for defining at least one identification criterion and at least one classification criterion of a document upon a negative comparison.

9. Device according to claim 8,

characterized in that the means for defining an identification criterion of the document comprise means for copying into the document the datum serving as an identification criterion, said datum being copied with its positioning parameters in the document from the document.

10. Device according to one of claims 4 to 9,

characterized in that the identification criterion and the classification criterion are defined at the time of emission of the document toward the publishing support.

11. Device according to one of claims 4 to 9,

characterized in that all of the unidentified published documents from one or several computers are temporarily stored in a library where a user, preferably an authorized one, can cause the analysis of these documents.
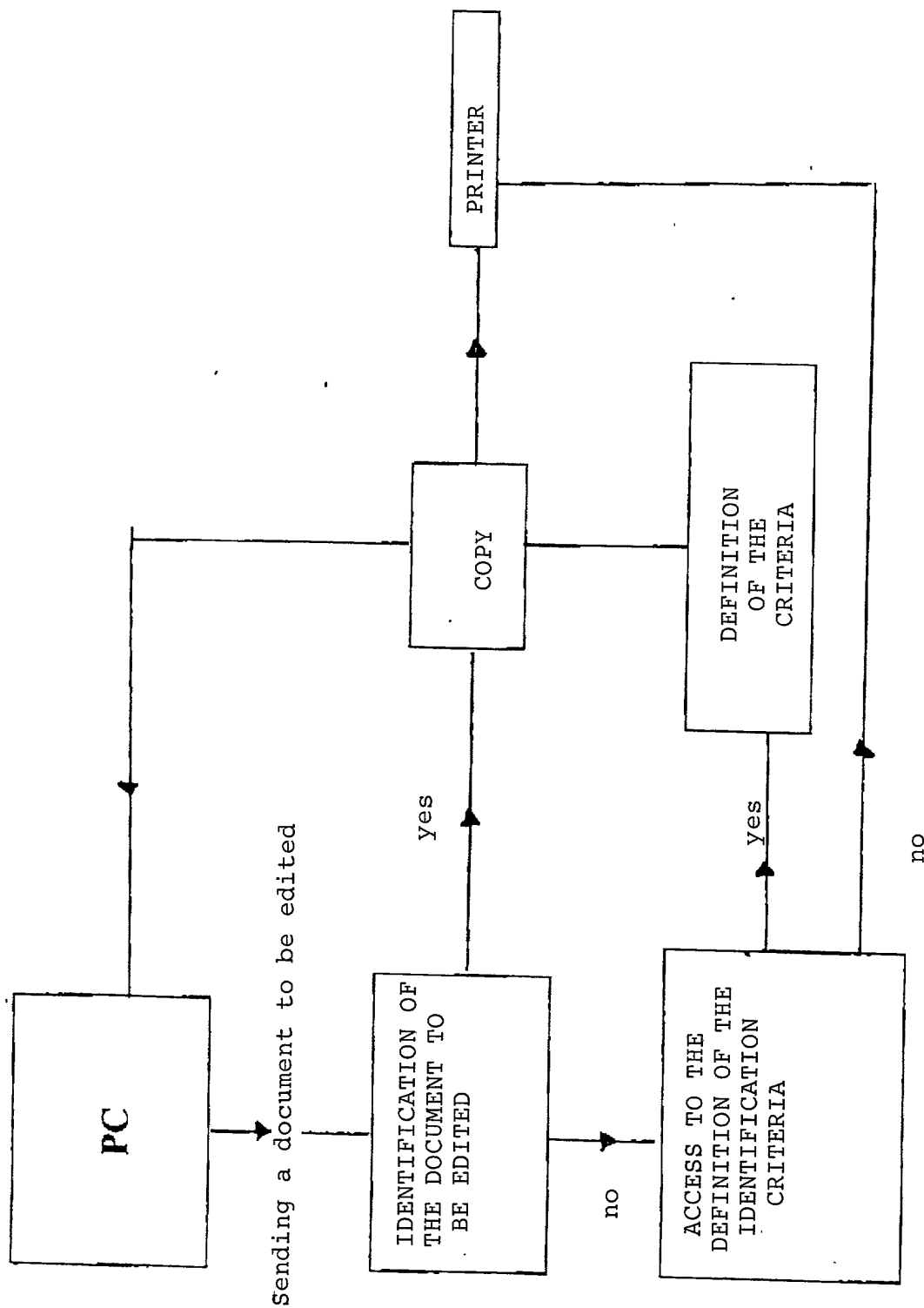
ABSTRACT

The present invention relates to a process for the automatic identification of a document in a computer, wherein the data contained in the document are analyzed according to their content and/or their position in the document and they are compared one by one to one or more identification criteria for the document, an identification criterion being defined by the content and/or the position of a characteristic datum of the document.

Use in the identification of documents.

Single figure.

PRINTER

COPY

DEFINITION OF THE CRITERIA

SINGLE FIGURE

PC

Sending a document to be edited

IDENTIFICATION OF THE DOCUMENT TO BE EDITED

ACCESS TO THE DEFINITION OF THE IDENTIFICATION CRITERIA

yes

yes

no

no

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

PROCESS FOR DOCUMENT IDENTIFICATION

the specification of which: *(check one)*

REGULAR OR DESIGN APPLICATION

[X]   is attached hereto.

[ ]   was filed on   as application Serial No.
            and was amended on (if applicable).

PCT FILED APPLICATION ENTERING NATIONAL STAGE

[ ]   was described and claimed in International application No.
            filed on   and as amended on (if any).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

PRIORITY CLAIM

I hereby claim foreign priority benefits under 35 USC 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

PRIOR FOREIGN APPLICATION(S)

Country	Application Number	Date of Filing (day, month, year)	Priority Claimed
France	99 02925	9 March 1999	yes

(Complete this part only if this is a continuing application.)

I hereby claim the benefit under 35 USC 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 USC 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37 Code of Federal Regulations §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

| (Application Serial No.) | (Filing Date) | (Status--patented, pending, abandoned) |

POWER OF ATTORNEY

The undersigned hereby authorizes the U.S. attorney or agent named herein to accept and follow instructions from Cabinet Dawidowicz as to any action to be taken in the Patent and Trademark Office regarding this application without direct communication between the U.S. attorney or agent and the undersigned. In the event of a change in the persons from whom instructions may be taken, the U.S. attorney or agent named herein will be so notified by the undersigned.
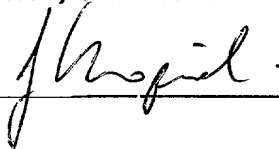
As a named inventor, I hereby appoint the following attorney(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith: **Robert J. PATCH, Reg. No. 17,355, Andrew J. PATCH, Reg. No. 32,925, Robert F. HARGEST, Reg. No. 25,590, Benoît CASTEL, Reg. No. 35,041, Eric JENSEN, Reg. No. 37,855, Thomas W. PERKINS, Reg. No. 33,027, and Roland E. LONG, Jr., Reg. No. 41,949,** c/o YOUNG & THOMPSON, Second Floor, 745 South 23rd Street, Arlington, Virginia 22202.

Address all telephone calls to Young & Thompson at 703/521-2297.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor: **Jakob SKOPICKI**
(given name, family name)

Inventor's signature _____ Date 21/2/2000

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